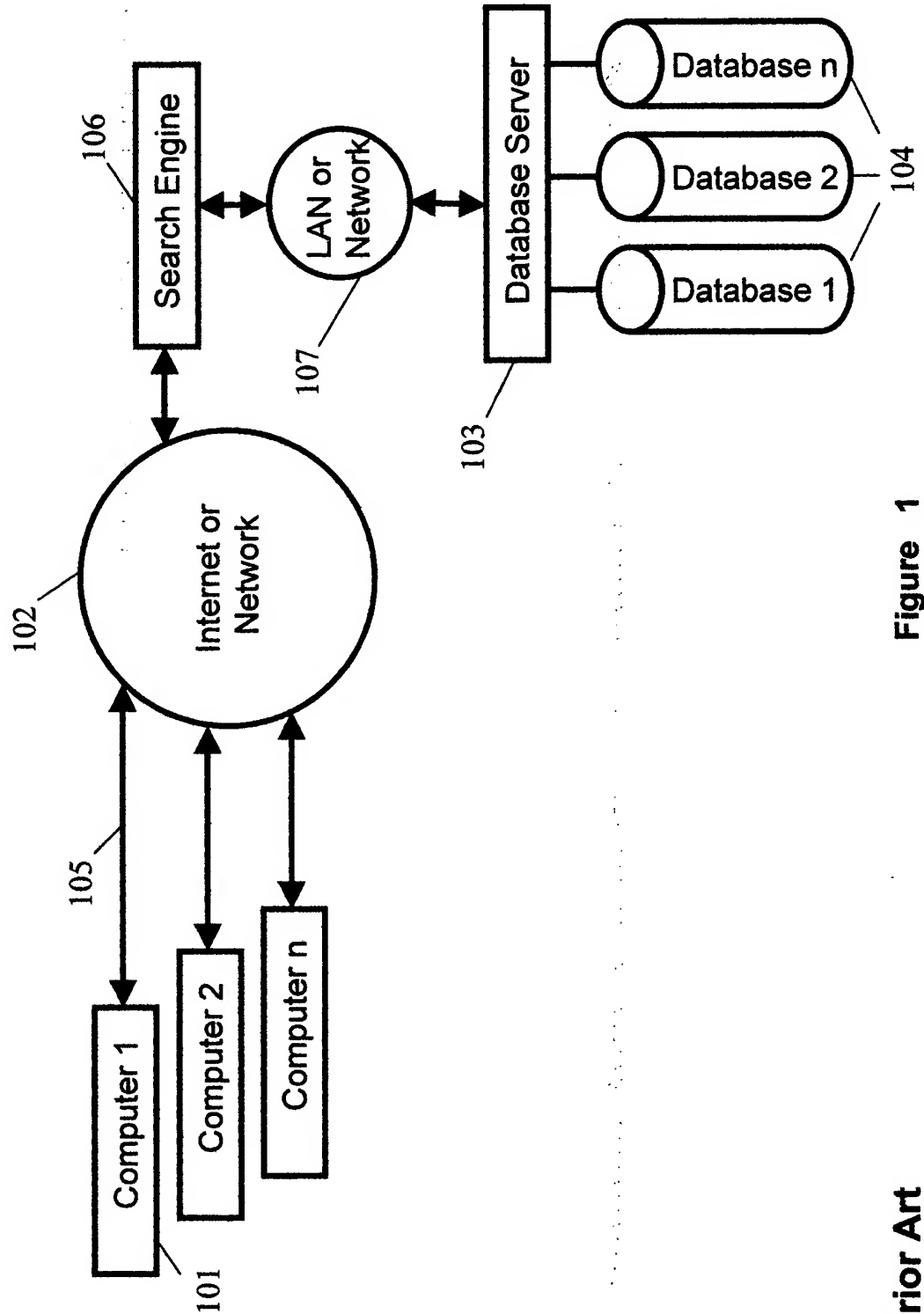


## Conventional Network Based Information Search Paradigm



**Prior Art**

**Figure 1**

# Conventional Web Search Display Paradigm

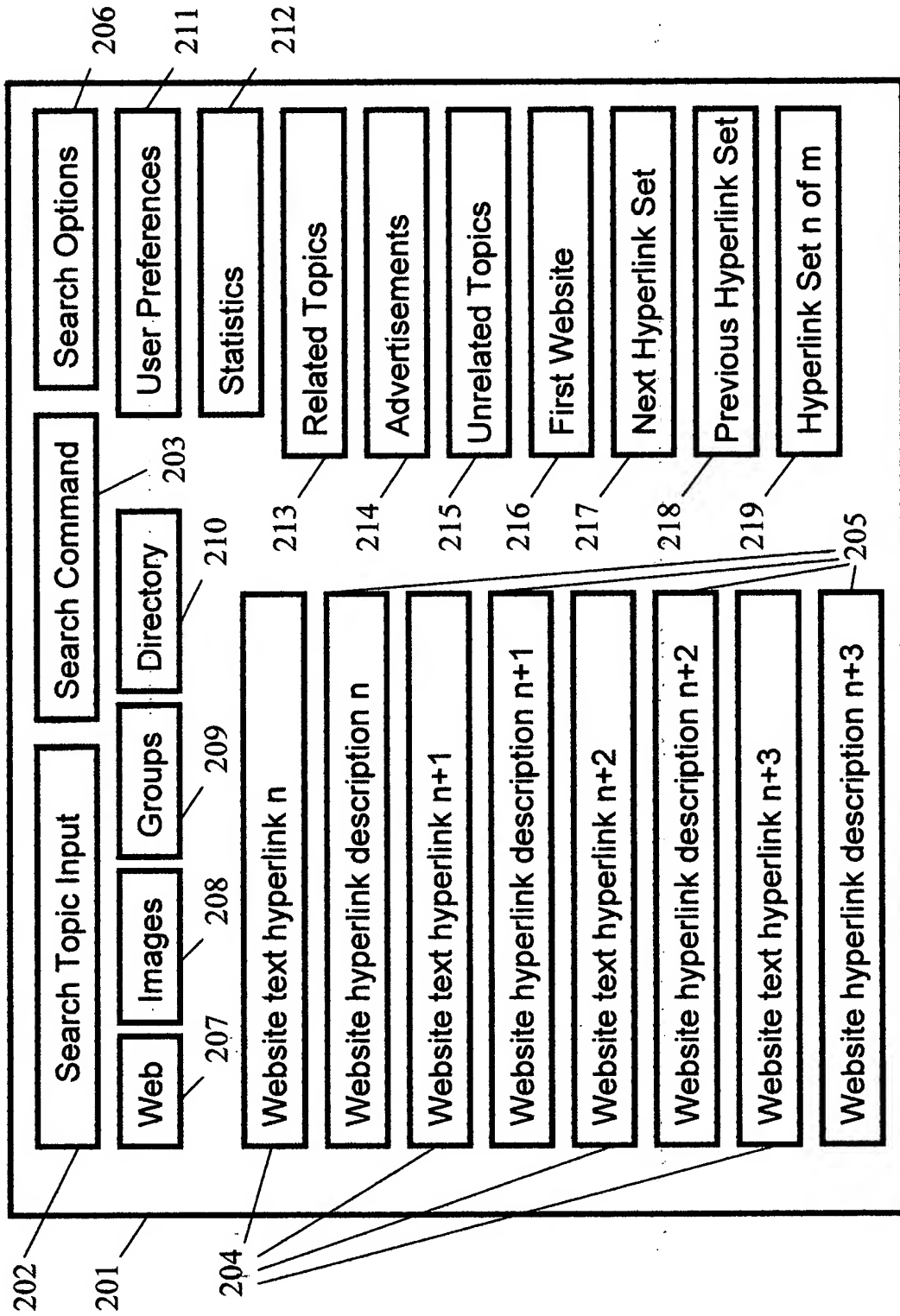


Figure 2

Prior Art

# Conventional Image Search Display Paradigm

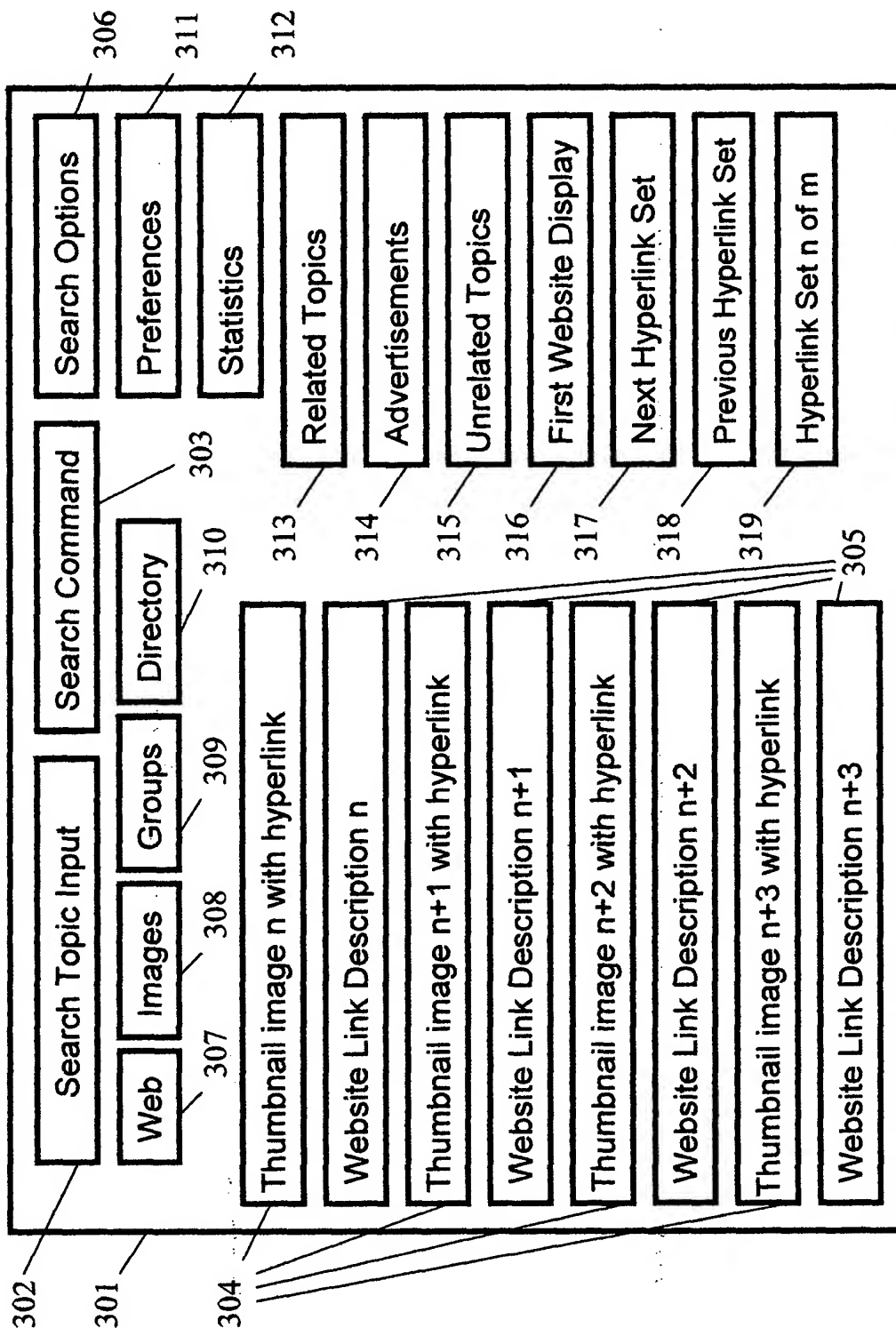


Figure 3

Prior Art

## Conventional Information Acquisition and Review Cycle

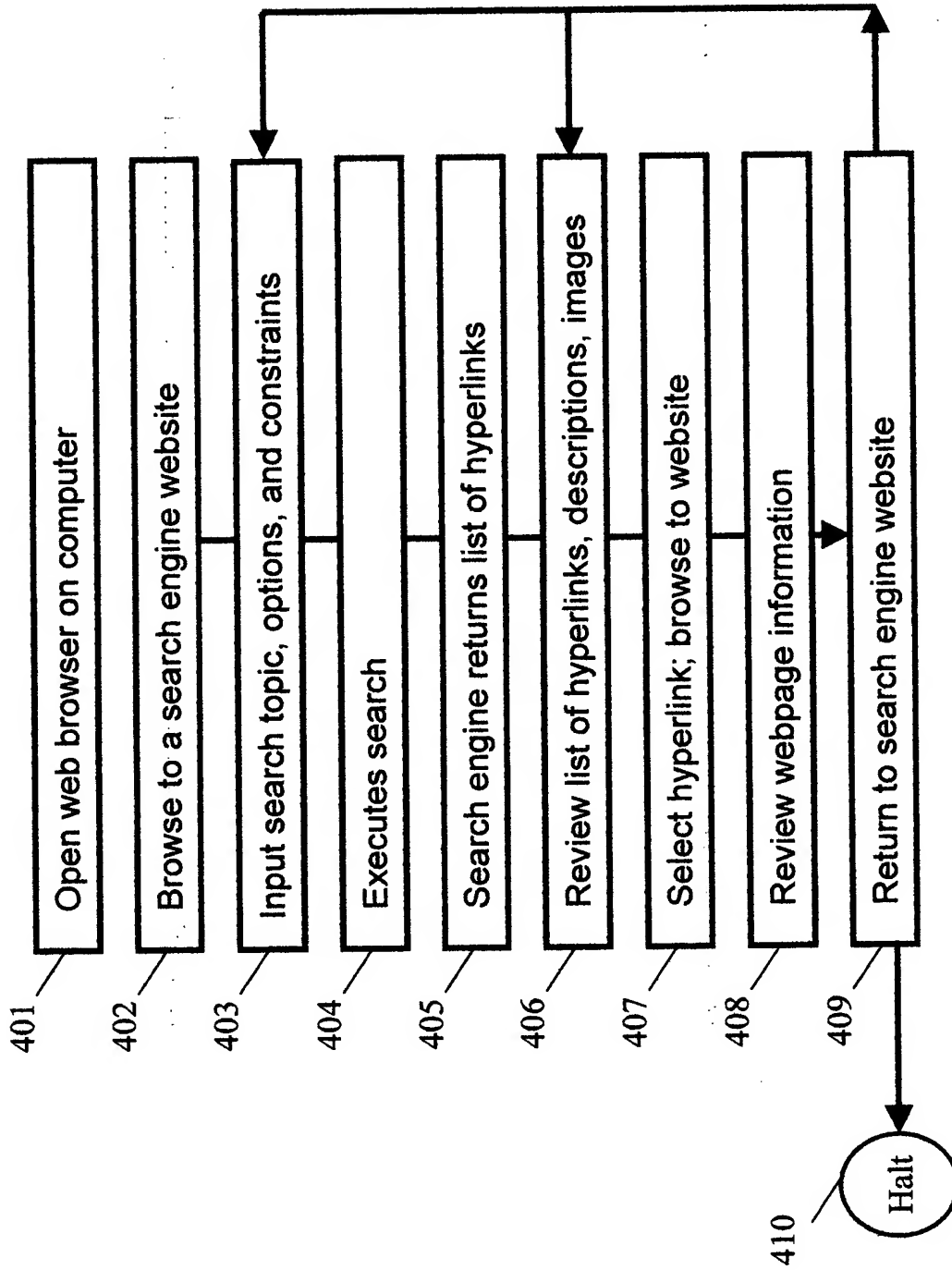
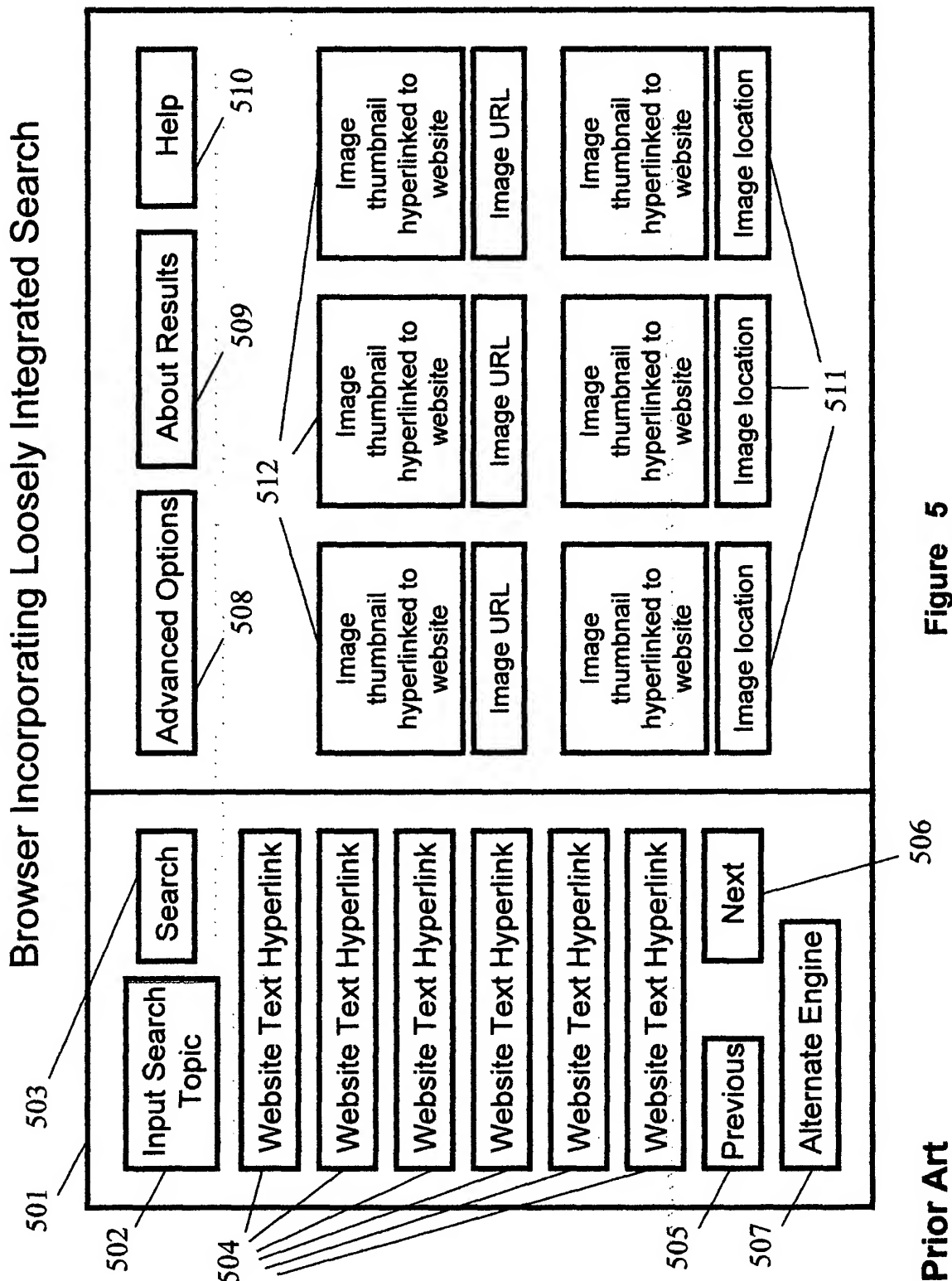


Figure 4

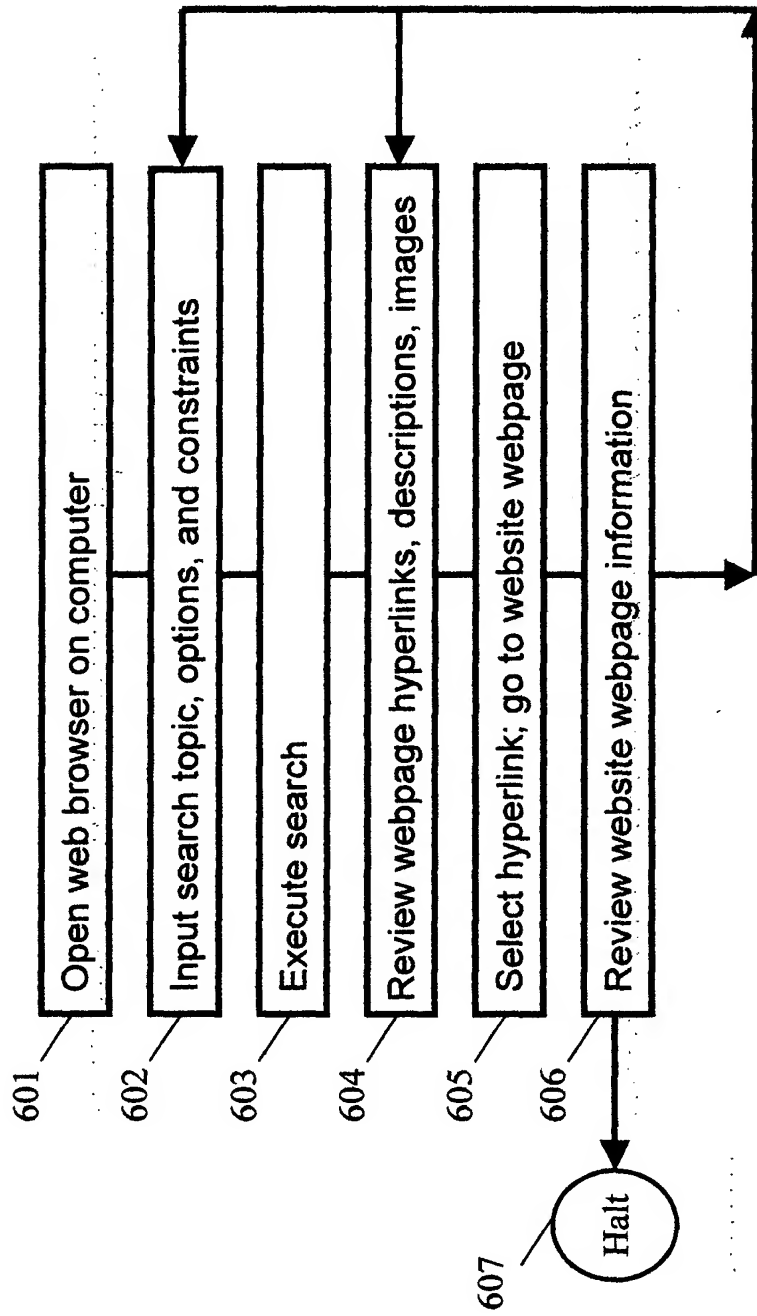
Prior Art



**Figure 5**

**Prior Art**

# Conventional Information Acquisition and Review Cycle for a Browser Incorporating Loosely Integrated Search



Prior Art

Figure 6

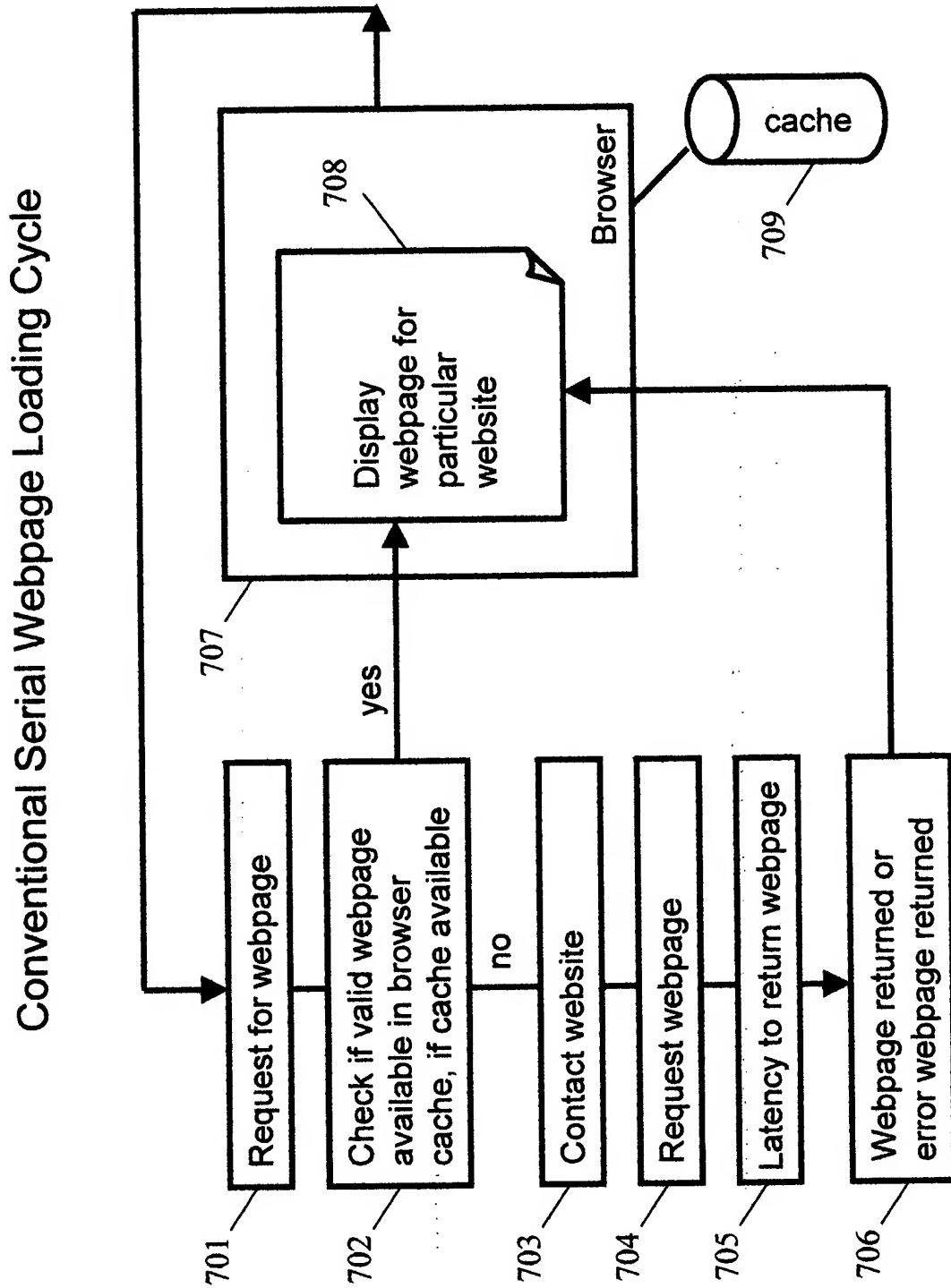


Figure 7

Prior Art

"Information Retrieval and Display System"

Alan Swahn, 95 Kara Drive, North Andover, MA 01845, 978-794-1053, alan@swahn.com

Information Retrieval and Display System ("IRDS")  
IRDS Enhanced Browser or Add-on to Conventional Browser

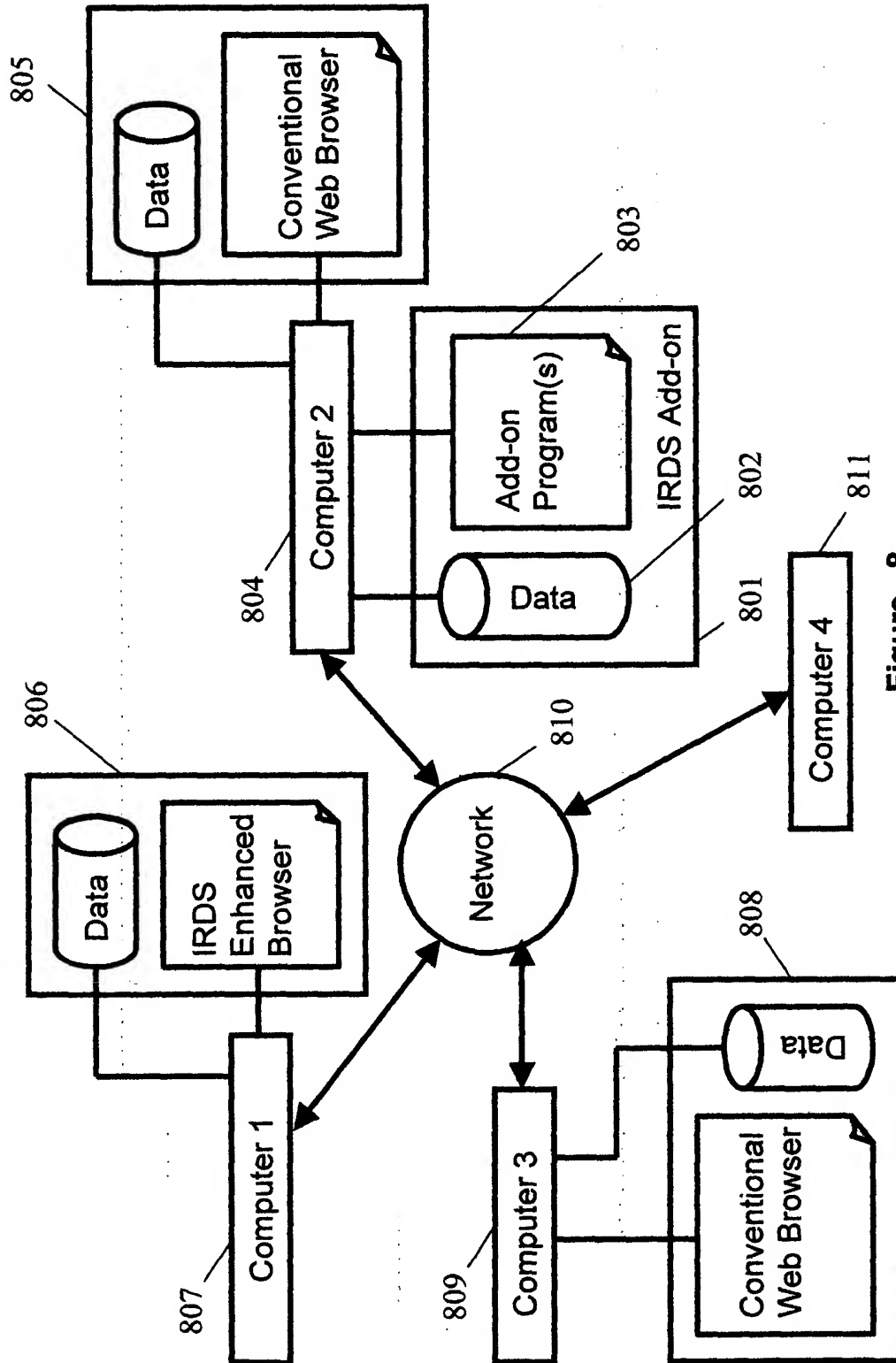


Figure 8



"Information Retrieval and Display System"

Alan Swahn, 95 Kara Drive, North Andover, MA 01845, 978-794-1053, alan@swahn.com

# IRDS Enhanced Browser Single Webpage Display

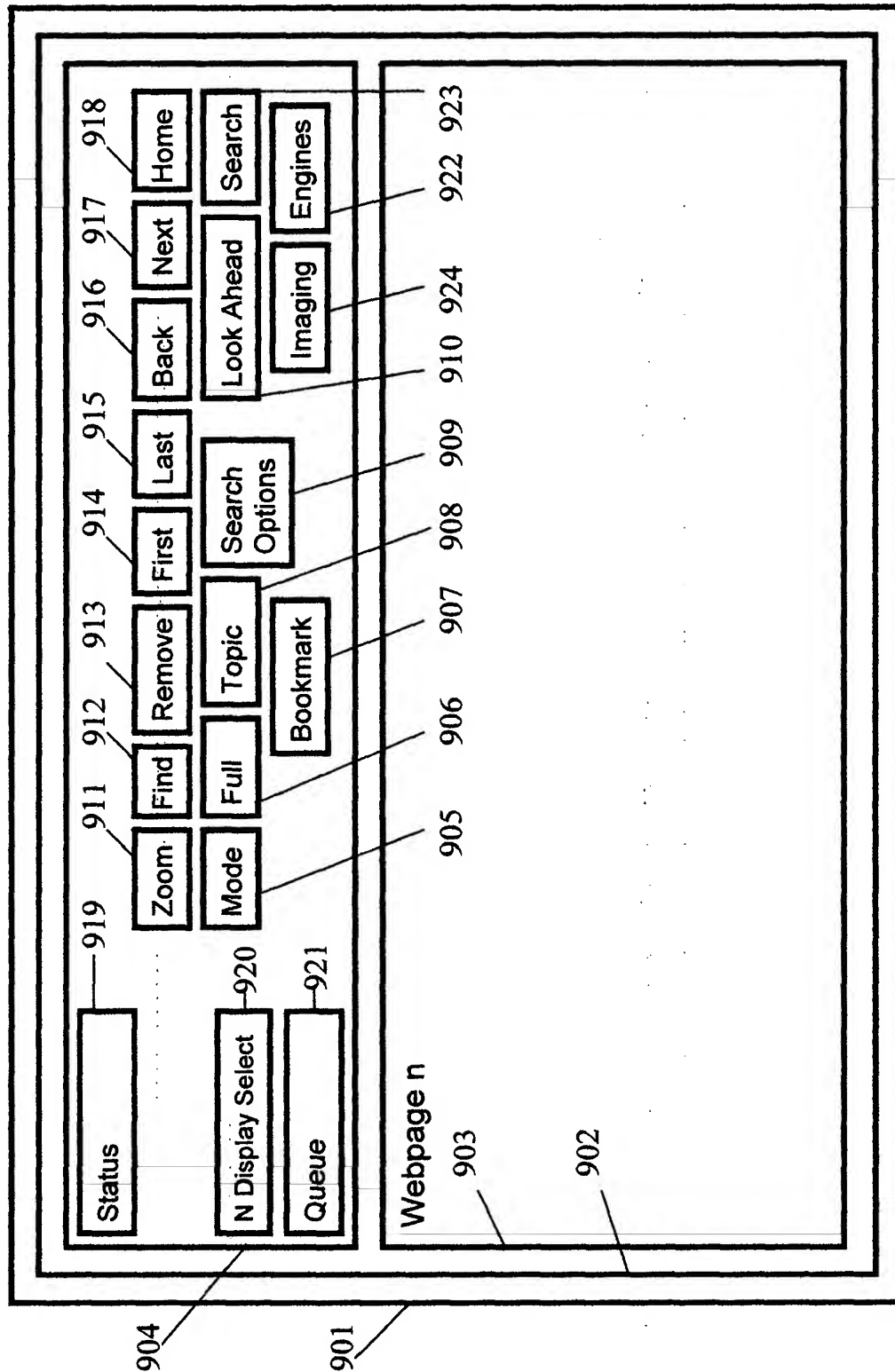


Figure 9

"Information Retrieval and Display System"

Alan Swahn, 95 Kara Drive, North Andover, MA 01845, 978-794-1053, alan@swahn.com

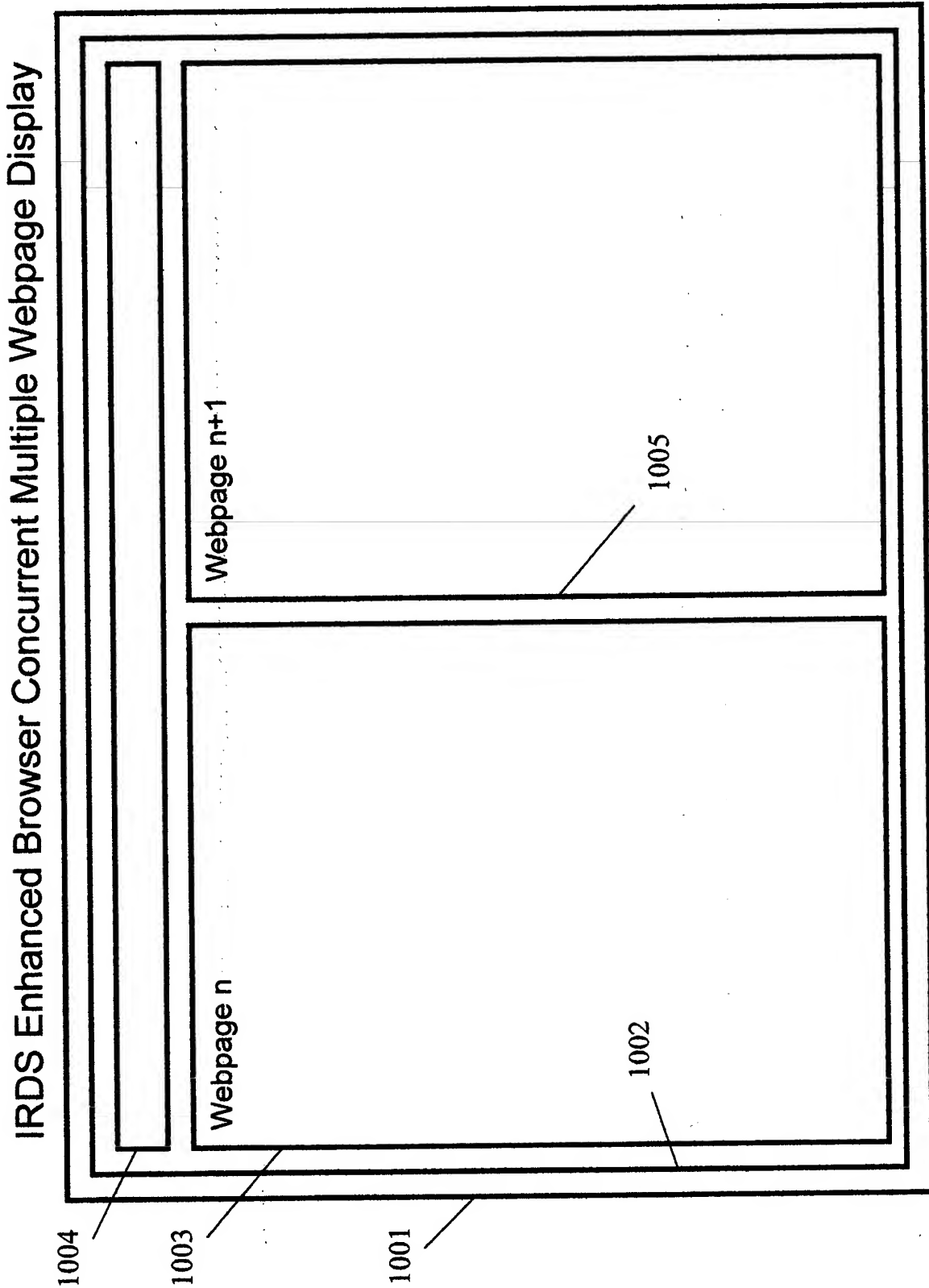
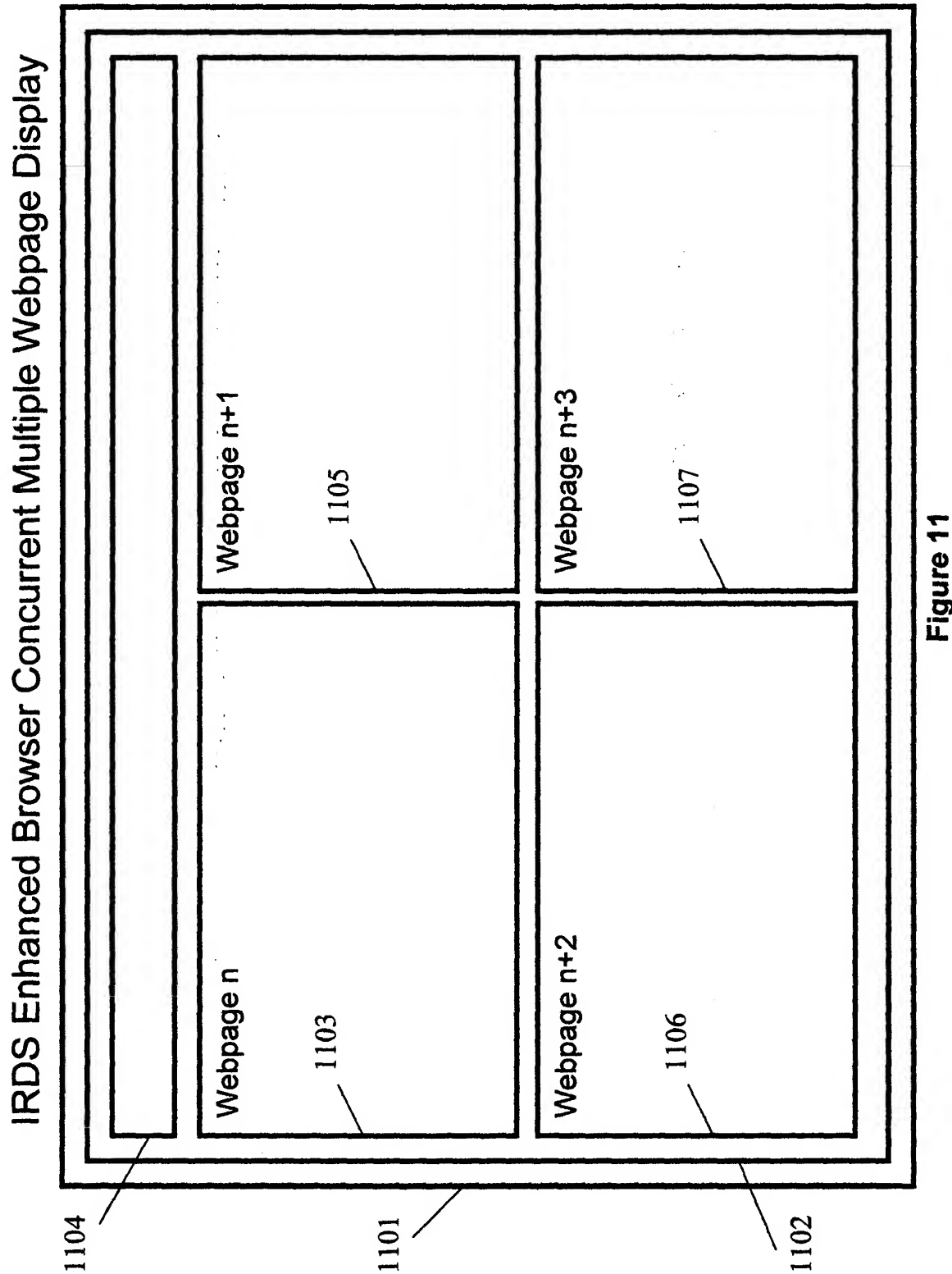


Figure 10



# IRDS Enhanced Browser Concurrent Multiple Webpage Display

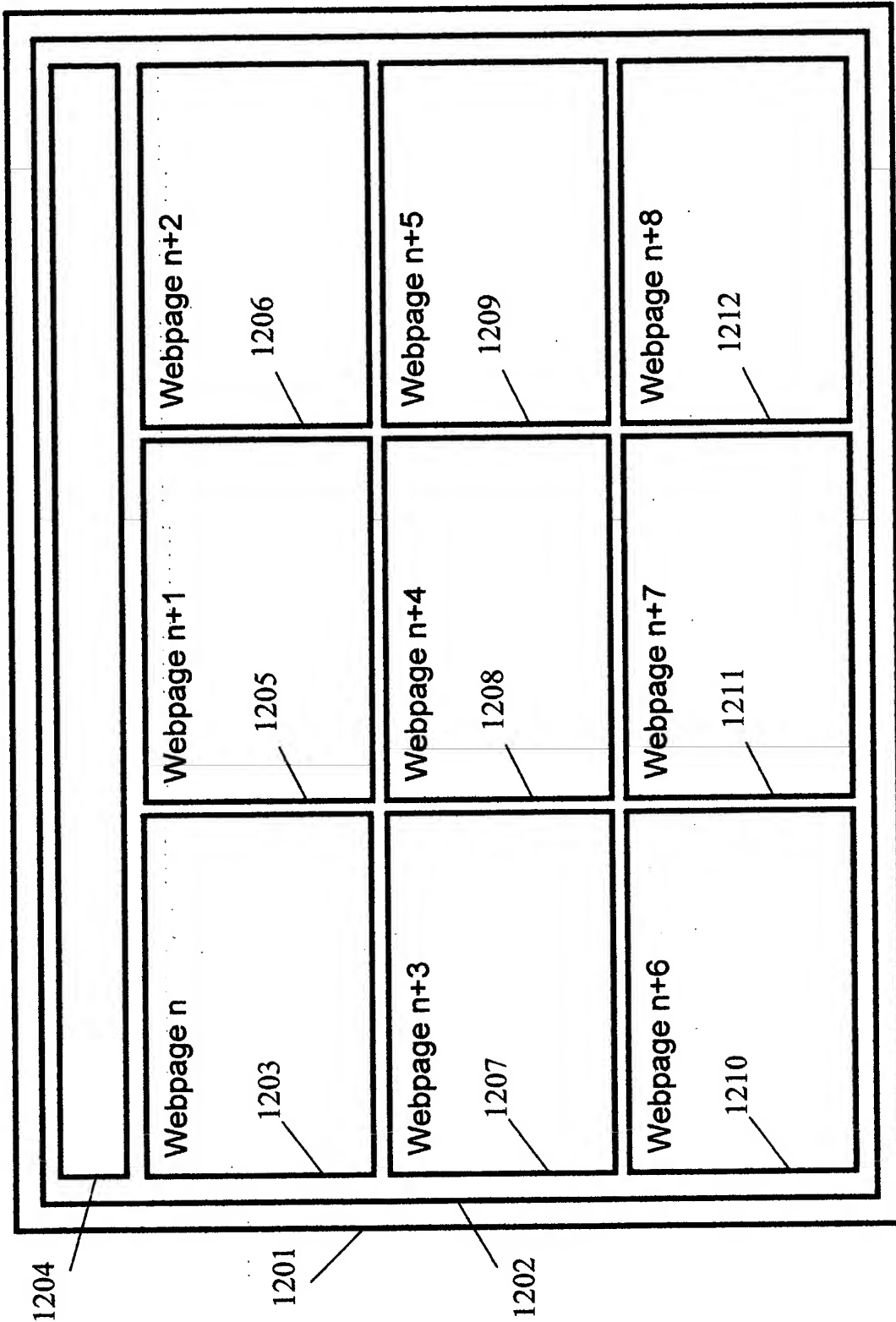


Figure 12

## IRDS Based Information Acquisition and Review Cycle

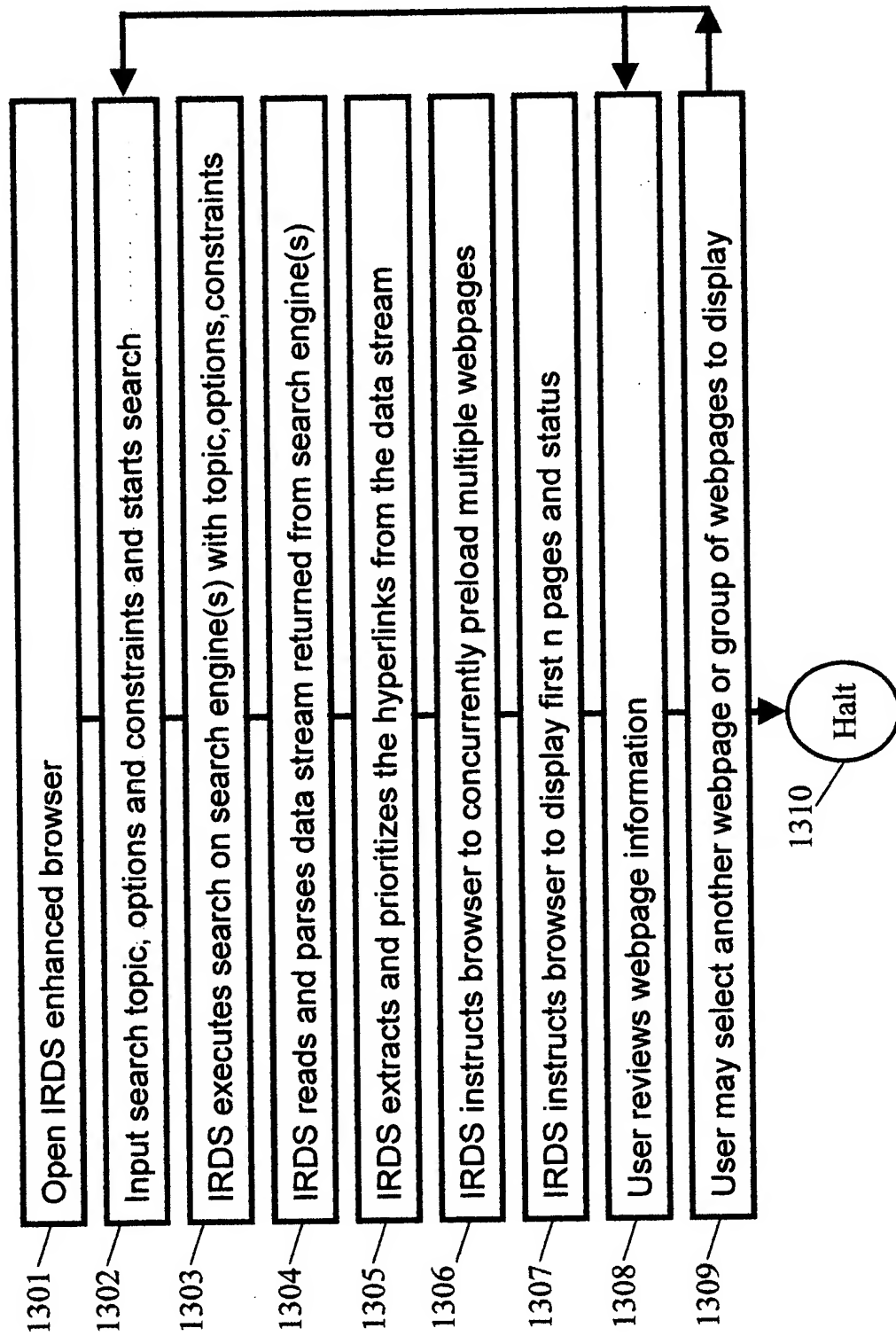


Figure 13

## IRDS Directed Concurrent Multiple Webpage Preloading

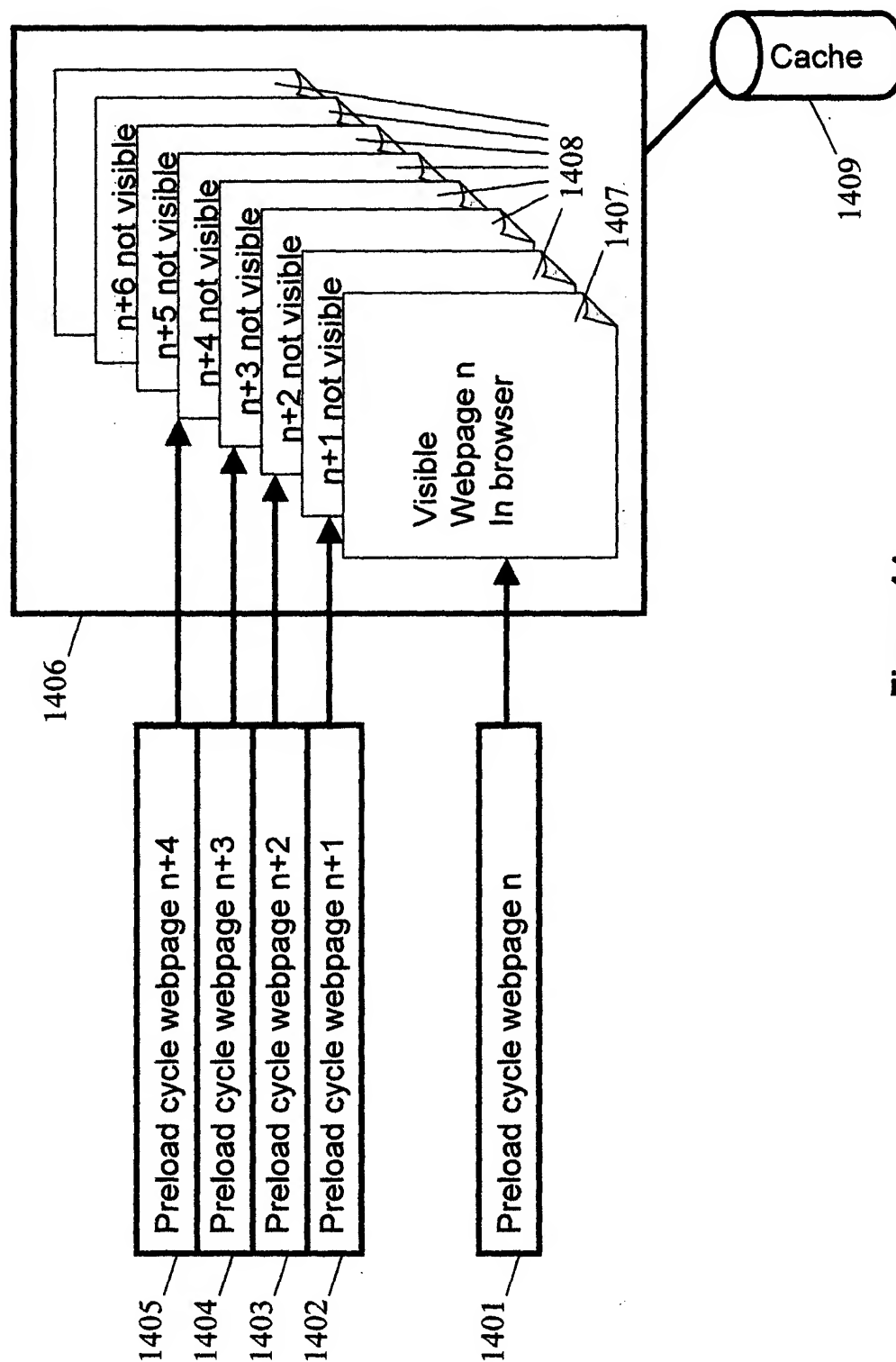


Figure 14

## IRDS Directed Next-In-Queue Webpage Preloading

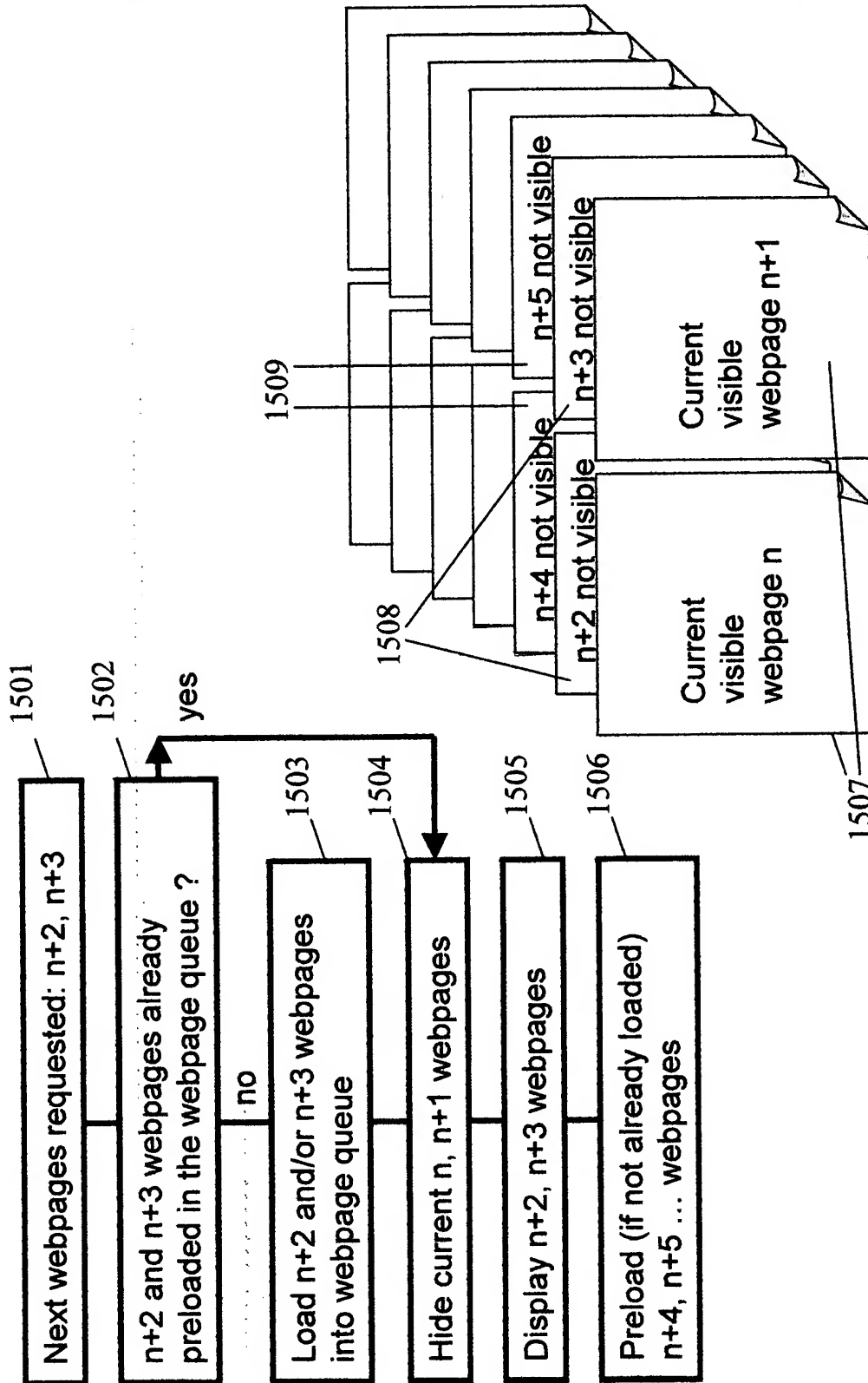


Figure 15

## IRDS Directed Periodic Webpage Preloading

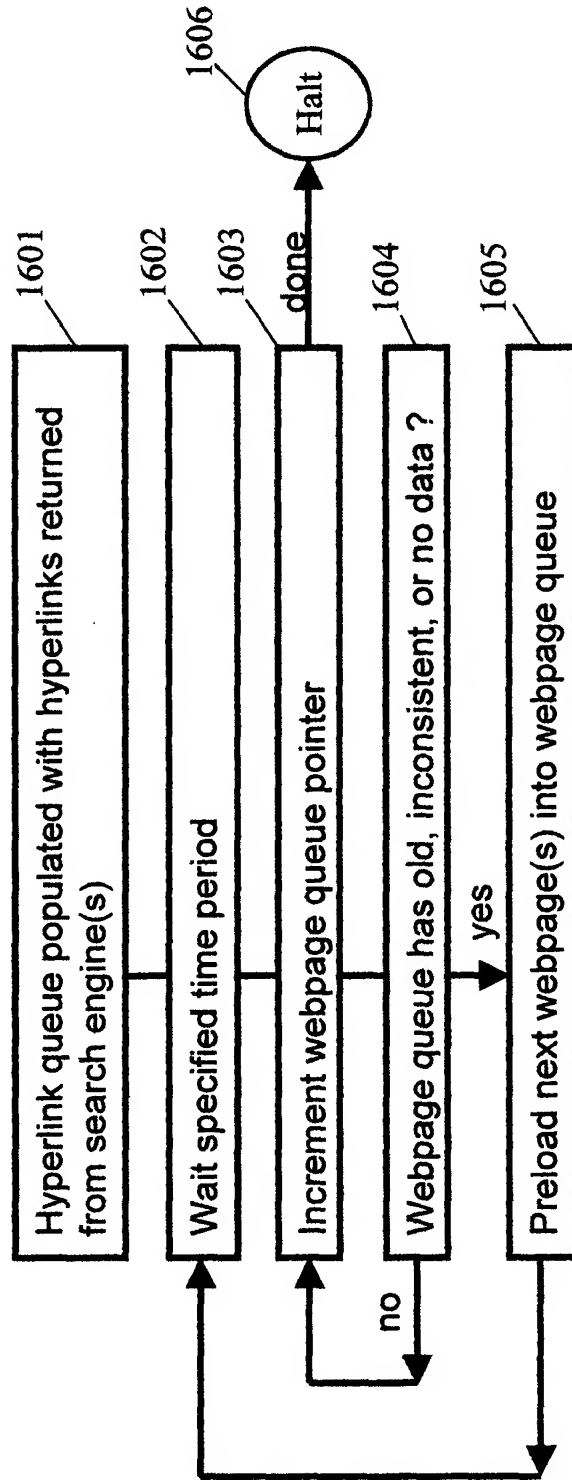


Figure 16



## IRDS Directed Periodic Webpage Preloading with Loading Collision Avoidance

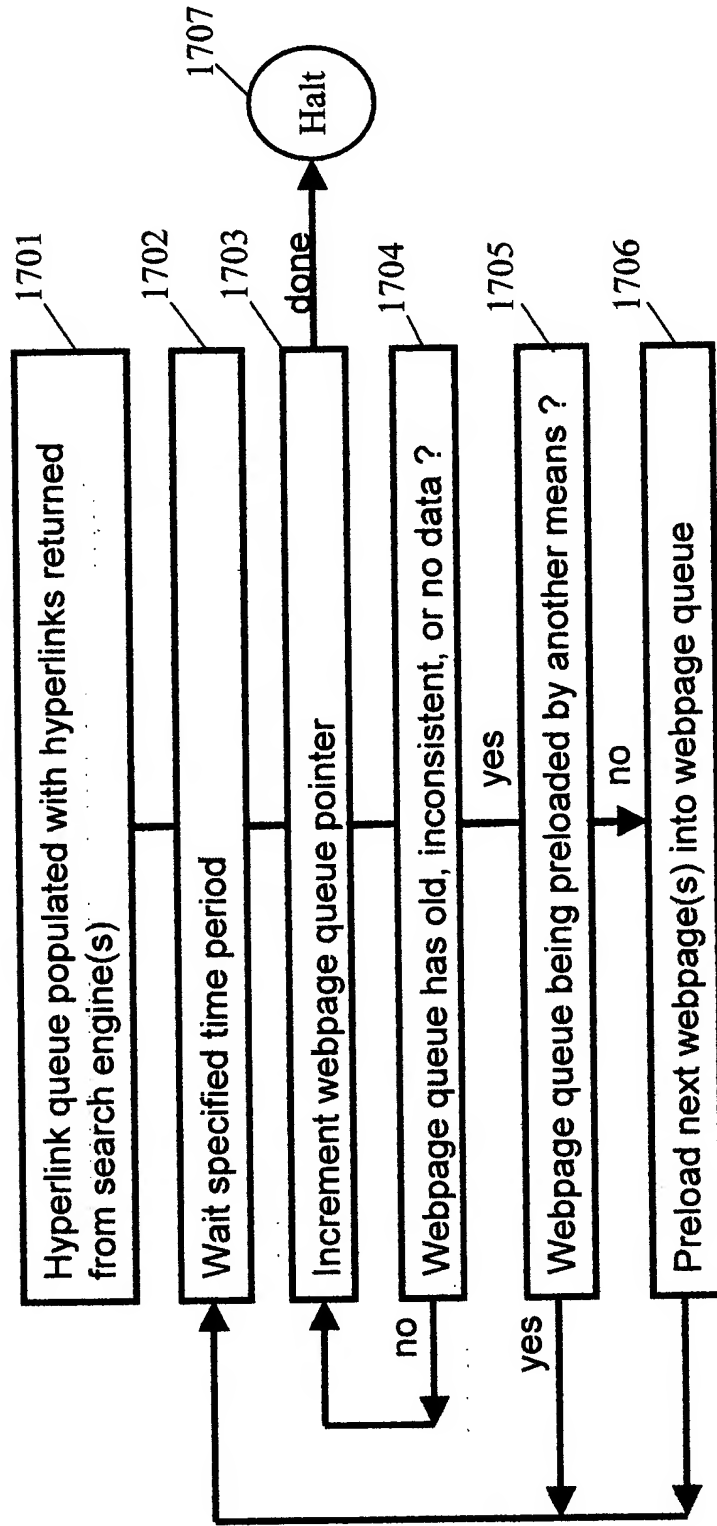


Figure 17

## IRDS Directed Periodic Webpage Preloading with Network and Processor Saturation Avoidance

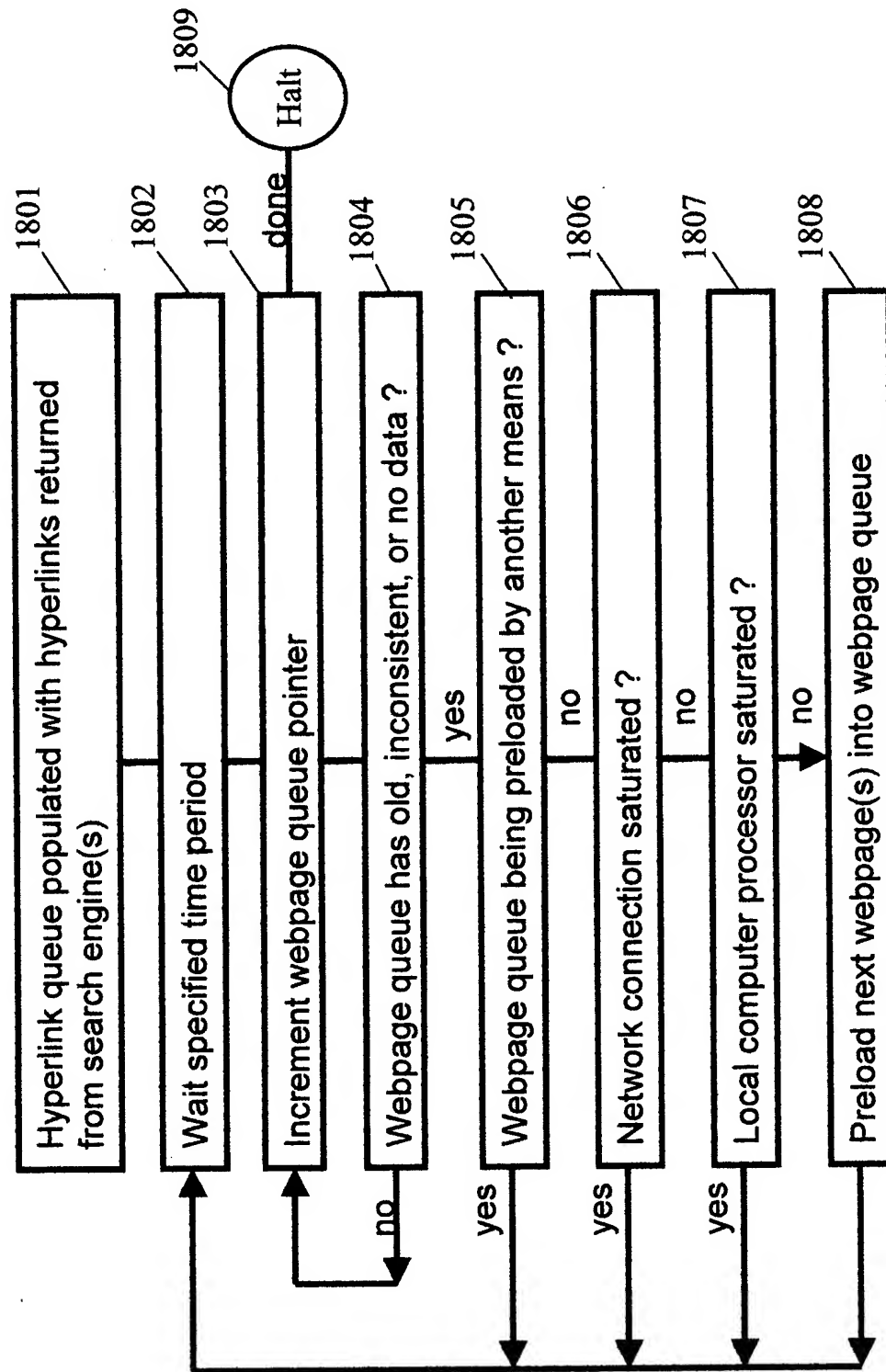


Figure 18

# IRDS Directed Descendant Webpage Preloading

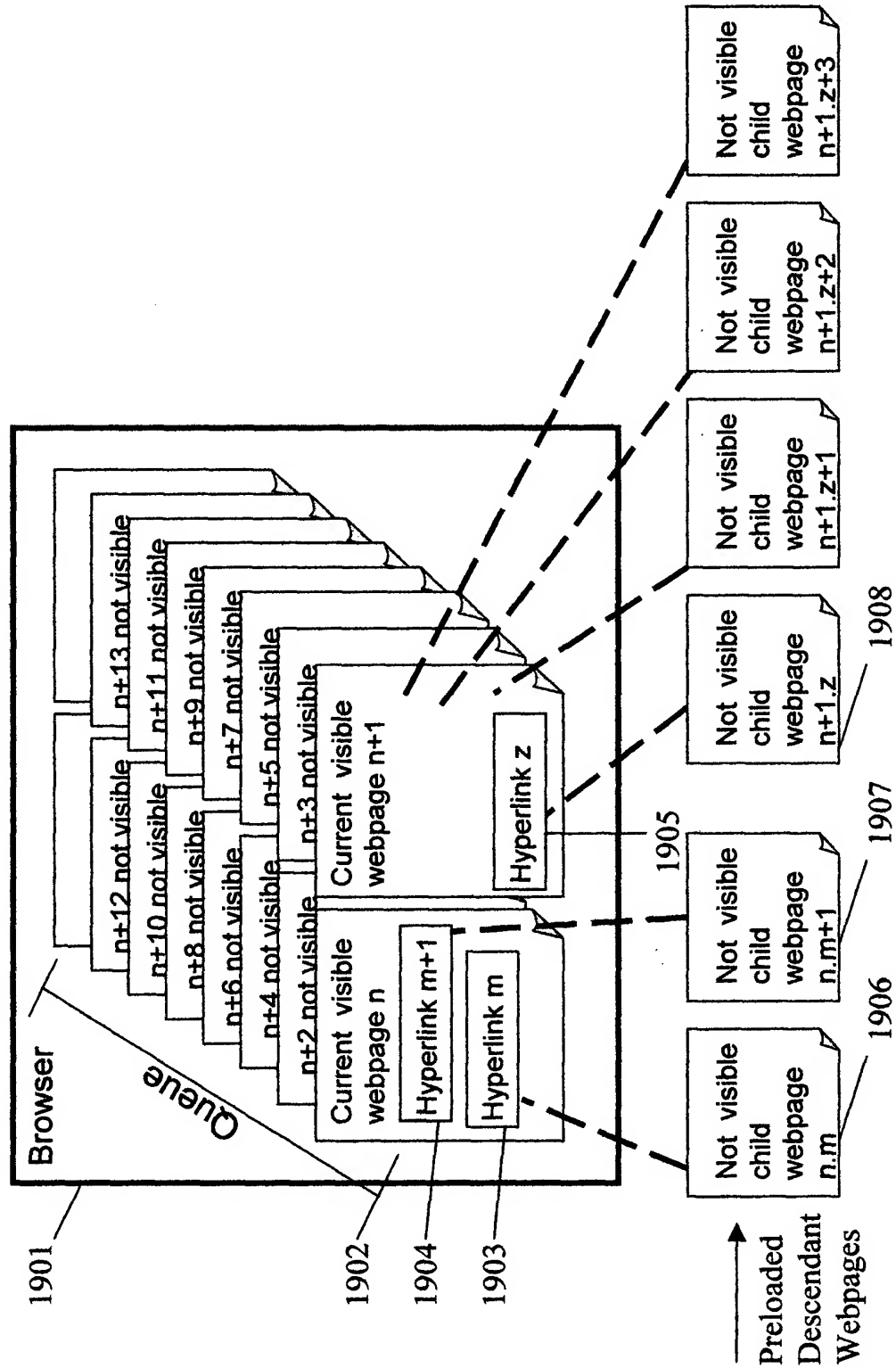


Figure 19

# IRDS Enhanced Browser Set Number of Pages to Display Function

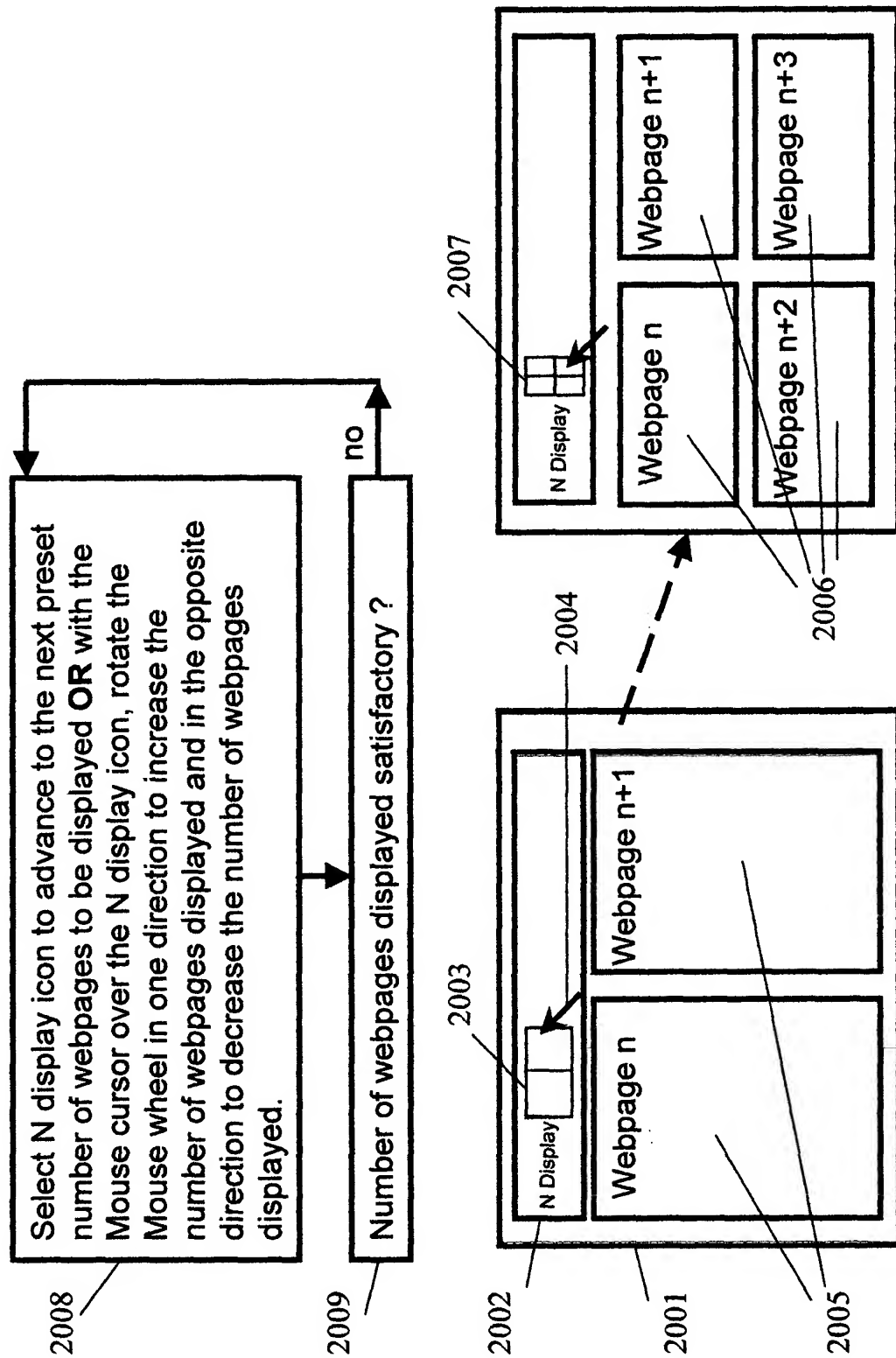


Figure 20

## IRDS Enhanced Browser Zoom Webpage Function

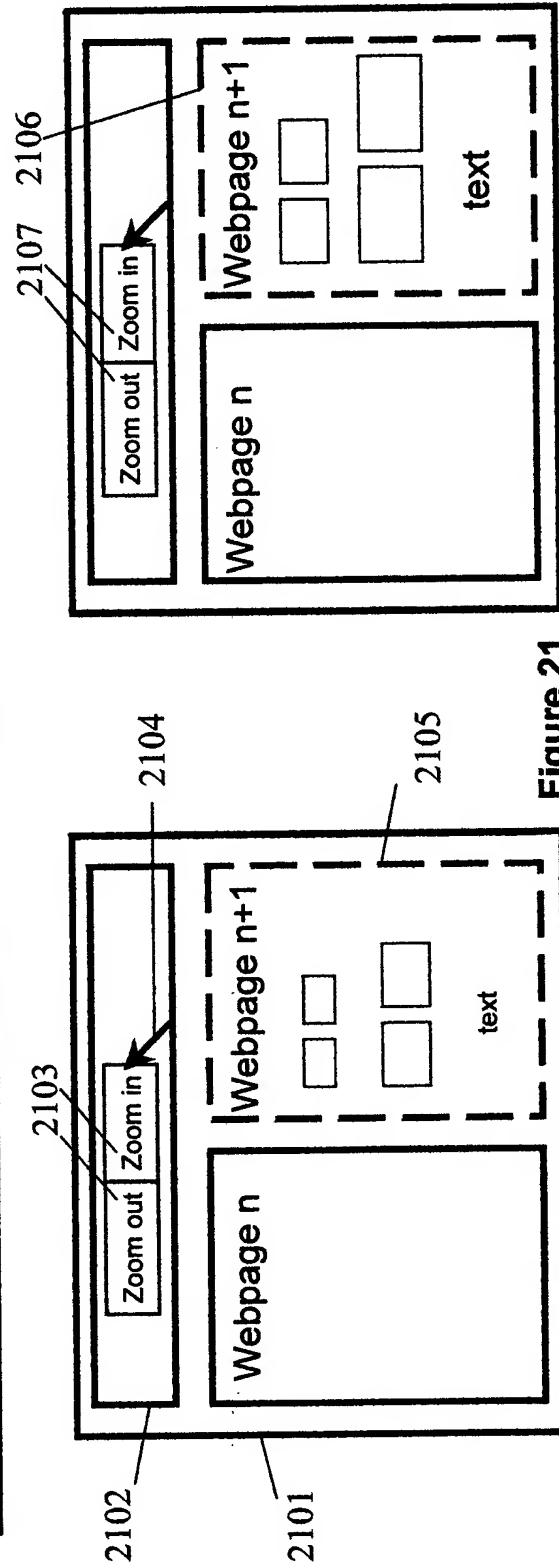
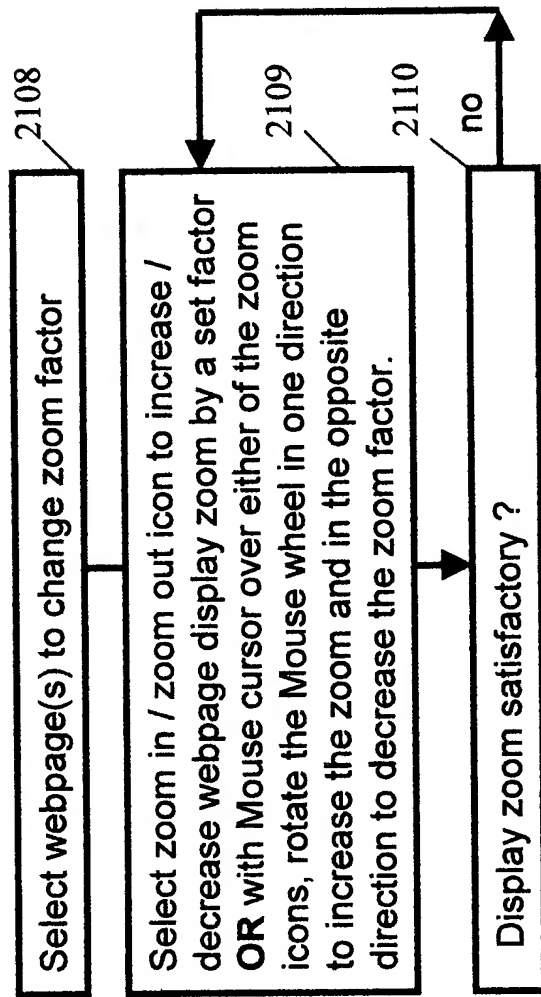


Figure 21

## IRDS Enhanced Browser Full Display Function

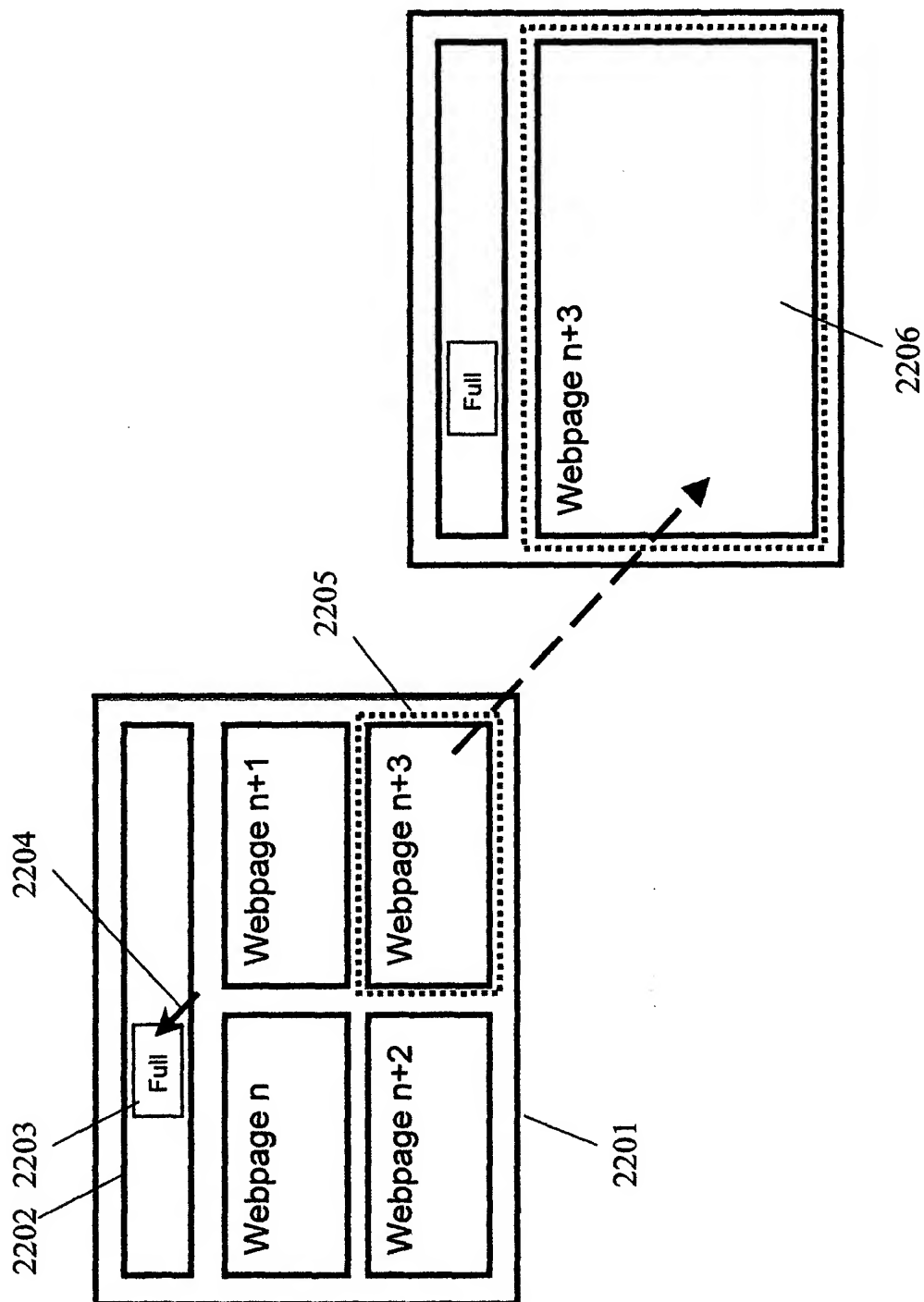


Figure 22

## IRDS Enhanced Browser to Conventional Browser Mode Function

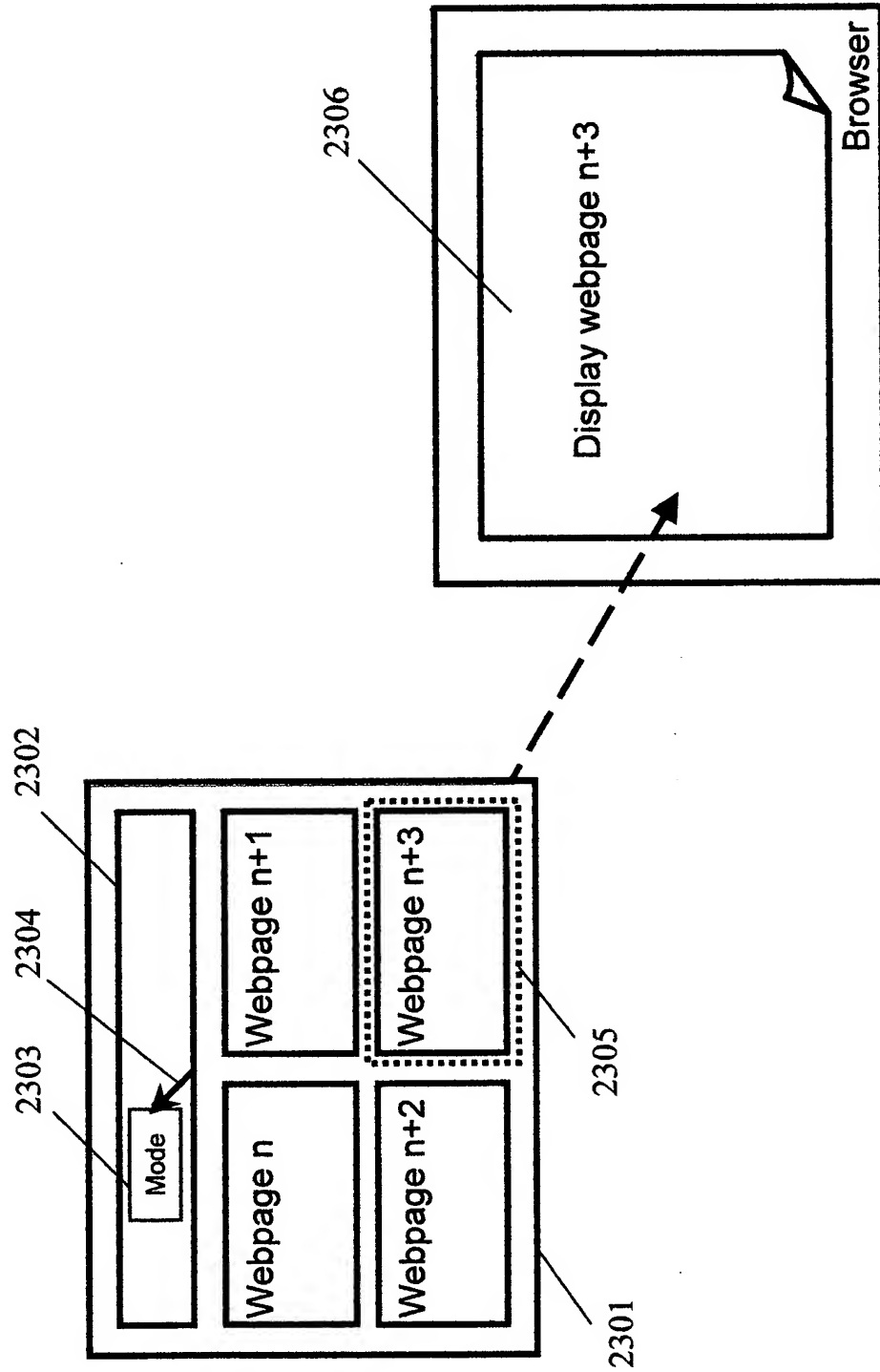


Figure 23

IRDS Enhanced Browser Imaging Function

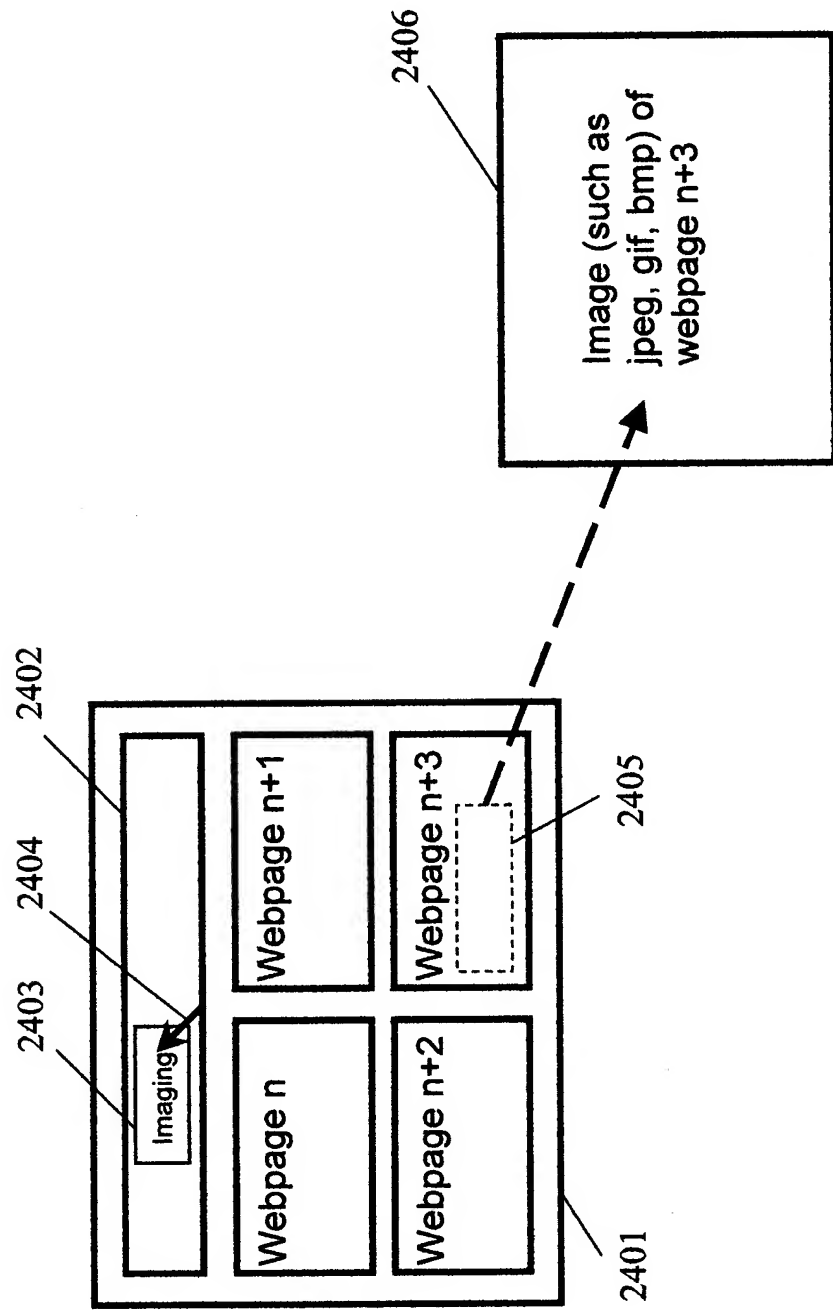


Figure 24



IRDS Enhanced Browser Remove Webpage Function

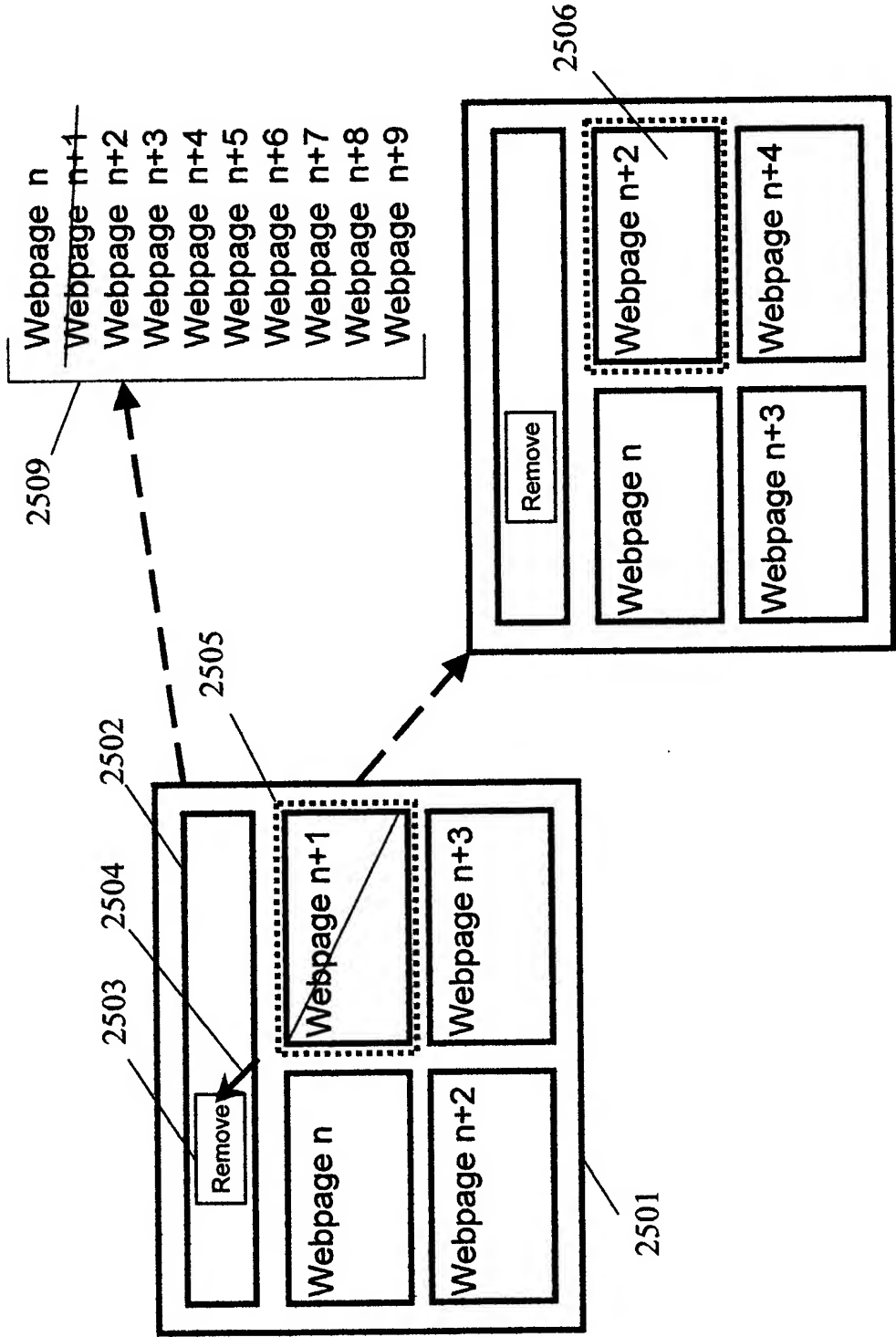


Figure 25

## IRDS Enhanced Browser Bookmark Function

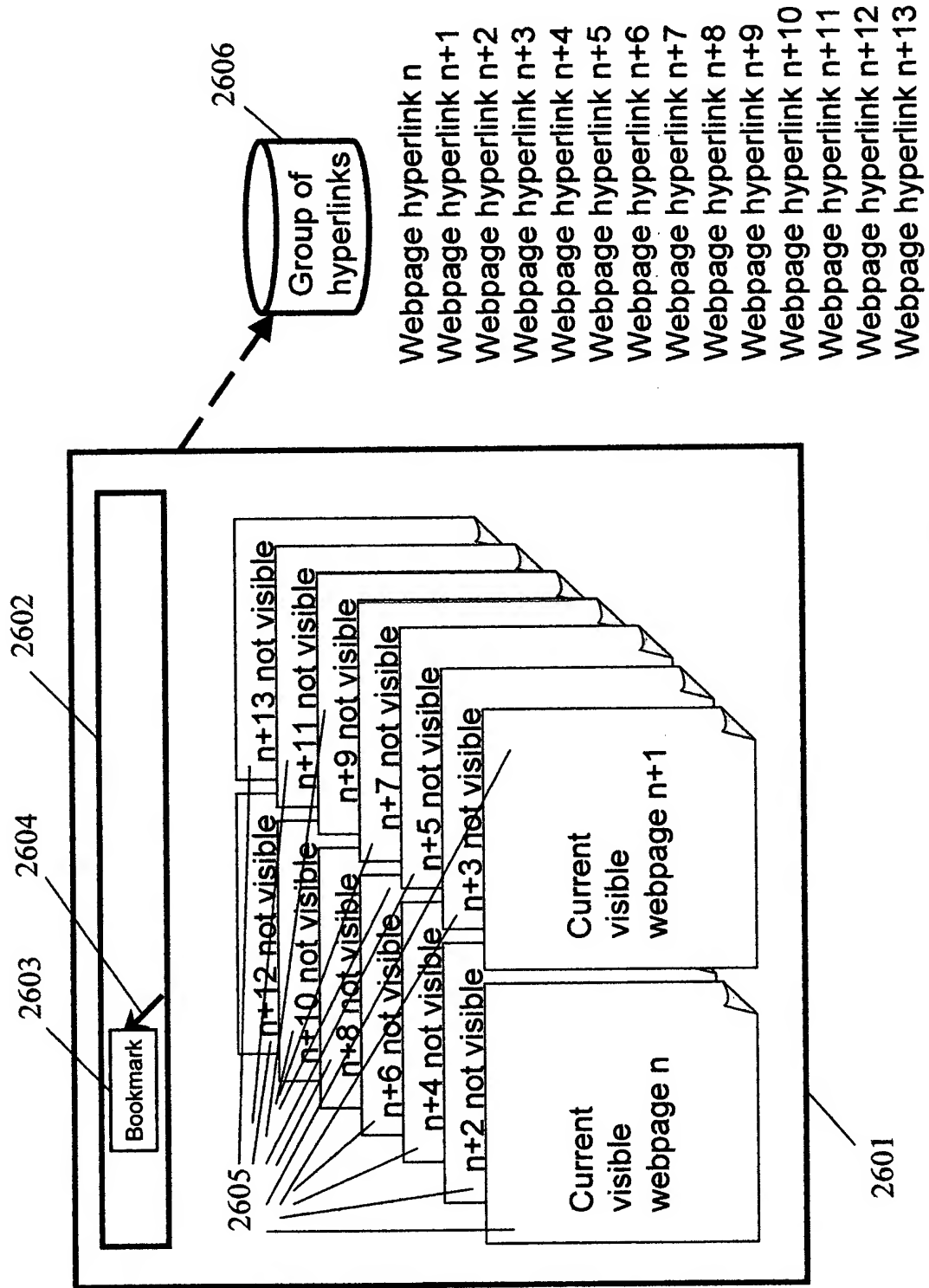
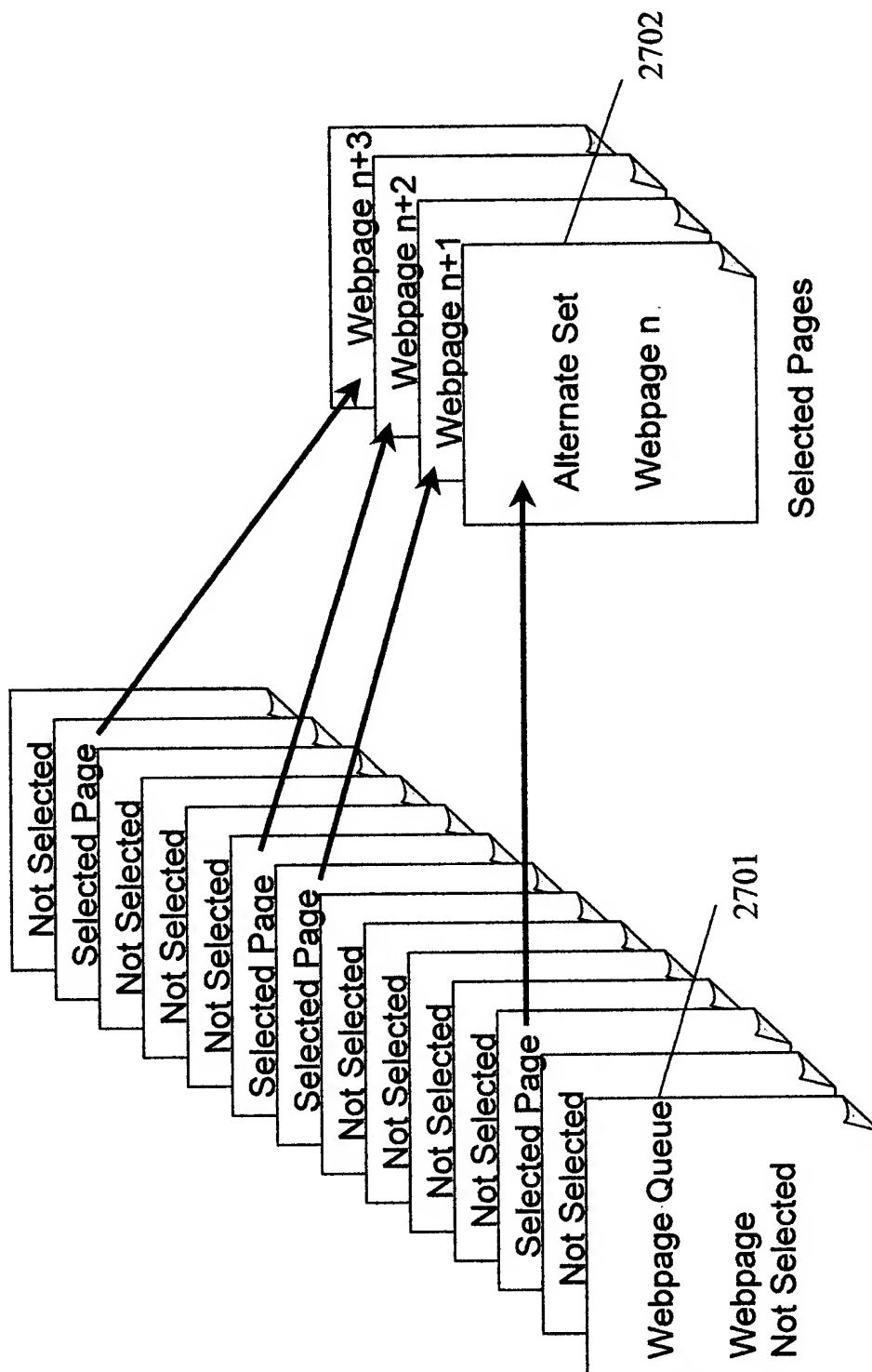


Figure 26

## Populating Alternate Set or Queue for Selected Webpages



### Figure 27